



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/032,834	12/27/2001	Chi Fai Ho	4749-109	9033
32294	7590	12/20/2005	EXAMINER	
SQUIRE, SANDERS & DEMPSEY L.L.P. 14TH FLOOR 8000 TOWERS CRESCENT TYSONS CORNER, VA 22182			WEBB, JAMISUE A	
			ART UNIT	PAPER NUMBER
			3629	

DATE MAILED: 12/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/032,834	HO ET AL.
	Examiner Jamisue A. Webb	Art Unit 3629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-49 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-49 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - a) All    b) Some \* c) None of:
      1. Certified copies of the priority documents have been received.
      2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
      3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | Paper No(s)/Mail Date: _____.   |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>20040419, 20020628</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|   | 6) <input type="checkbox"/> Other: _____.                                   |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 112*

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-16, 18, 26, 33, 41, 42 and 44-49 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

3. With respect to Claims 1 and 44: the phrase "in response to receiving events" is indefinite. The claim has not positively recited that the events have been received. Therefore it is unclear how an action can be performed in response to the events.

4. With respect to Claims 2, 18, 33, 41, 42, and 45: the phrase "recipients are registered by creating a linked list tree" is indefinite. It is unclear how creating a linked list tree can register a recipient.

5. With respect to Claims 10 and 26: the phrase "for providing indexed access" is indefinite. It is unclear to the examiner as to what the access is to.

### *Claim Rejections - 35 USC § 102*

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this

subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 1-6, 8-22, 24-49 rejected under 35 U.S.C. 102(e) as being anticipated by Lawson et al. (6,185,613).
8. With respect to Claims 1, 2, 15, 17, 18, 31, 33, 35, 37, 39, 41-44, 45, and 48: Lawson discloses a method, system and computer program product for distributing events comprising the steps and means for:
  - a. Registering one or more recipients (Column 4, lines 41-46);
  - b. In response to receiving events, determining if recipients are registered to receive events (Column 4, lines 41-46) by parsing the event link lists (Column 5, lines 7-21);
  - c. In response to said determination, forwarding events to recipients registered to receive events, or dropping event if no recipients are registered for the event (Column 11, lines 9-25).
  - d. Creating an event linked list by the recipient (Lawson discloses the recipient is allowed to register with a customer event types as well as discloses the events can be local or global, therefore the examiner considers this to be the recipient registering an event linked list, Column 4, line 50 to Column 5, line 7);
  - e. Updating event linked list for adding an event entry (Column 10, lines 7-23).
9. With respect to Claims 2, 4, 18, 20, 33, 34, 37, 38, 41, 42, 43, and 45: It should be noted that in these claims the applicant has used the word "optionally" in regards to a process linked list associated with recipient process entry. This is not a required element in the claim, therefore the rejection of these claims will only rely on the required elements which are the event entries.

10. With respect to Claims 3, 9-14, 16, 19, 25-28, 30, 32, 36, 40, 46, and 49: These claims are drawn to an optional limitation of the process linked list. These limitations are not required in the claims, therefore are anticipated by Lawson.

11. With respect to Claims 4, 20, 34, 38 and 47: Column 11, lines 49-67.

12. With respect to Claims 5, 6, 21 and 22: Lawson discloses the event record comprising a type of event, where the type of event is used to match the events needing notification (Column 16, lines 20-31). The examiner considers the type of event to be a form of an event code.

13. With respect to Claims 7 and 23: Lawson discloses the use of a filter, which recognizes, when an event has repeated and includes an identifier in the entry (See Figure 4). It is the examiner's position that the cidentifier constitutes an event count, due to the fact that it indicates if the event has happened more than once.

14. With respect to Claims 8 and 24: Lawson discloses the use of an event queue, which can either be given a priority, or it can be a first in last out queue. It is the examiner's position that anytime there is a queue, there is inherently going to be a pointer to the next event, after one has been processed, (Column 10, line 57 to Column 11, line 8).

### *Conclusion*

15. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Zimmers et al. (US 2005/0013417) discloses the use of an alert notification system with regards to geographical location, March (6,034,605) discloses the use of a notification system in regards to personal information sharing in an emergency, Piccioni (6,842,774) discloses the use of system tracking notification, Stevens (6,404,880) discloses the use of a

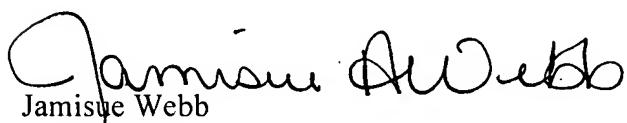
Art Unit: 3629

notification system for critical information, Tsumpes (6,973,166) discloses the use of a subscriber contact and notification system, and Hunter et al. (US 2003/0069002) discloses the use of a system and method for notification of emergency information.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jamisue A. Webb whose telephone number is (571) 272-6811. The examiner can normally be reached on M-F (7:30 - 4:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Weiss can be reached on (571) 272-6812. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Jamisue A. Webb

  
JOHN G. WEISS  
SUPERVISORY PATENT EXAMINER  
TELECOMMUNICATIONS CENTER 2800